



Resources and References for the DCoE June 2015 Traumatic Brain Injury Webinar

Translational NeuroRehabilitation Outcomes: Research Trends and Person-Centered Care

Resources

The **American Congress of Rehabilitation Medicine** (ACRM) is an organization of rehabilitation professionals dedicated to serving people with disabling conditions through supporting research that promotes health, independence, productivity and quality of life of people with disabilities. ACRM assists researchers improve their investigations and disseminate findings, educates rehabilitation providers to deliver best practices, and advocates for funding of rehabilitation research.

The **Brain Injury Association of America** (BIAA) advances brain injury prevention, treatment, education and research to improve the quality of life for all people affected by brain injury. BIAA and its network of **state affiliates**, local chapters and support groups are dedicated to increasing access to quality health care and raising awareness and understanding of brain injury.

The **Defense and Veterans Brain Injury Center** (DVBIC) developed the **Moderate or Severe TBI Fact Sheet** to educate caregivers of service members and veterans about common signs and symptoms, stages of treatment and recovery tips.

DVBIC also offers **A Guide for Caregivers of Service Members and Veterans** for caregivers of individuals who have sustained a moderate to severe or penetrating TBI. This comprehensive resource includes the following modules:

- Introduction to TBI
- Understanding the Effects of TBI and What You Can Do to Help
- Becoming a Family Caregiver for a Service Member/Veteran with TBI
- Navigating Services and Benefits
- Caregiver's Companion

NeuroRestorative provides post-acute rehabilitation services for people of all ages with brain and spinal cord injuries and other neurological challenges. This includes specialized services to meet the unique needs of service members and veterans to increase independence and reintegration into civilian life. Through its **Knowledge Center**, NeuroRestorative offers educational resources, including monthly online programs, for brain injury rehabilitation professionals.

References

Alzheimer's Association. (2015). More Brain Changes. Retrieved from

http://www.alz.org/braintour/healthy_vs_alzheimers.asp



American Brain Tumor Association. (2015). Brain Tumor Statistics. Retrieved from

<http://www.abta.org/about-us/news/brain-tumor-statistics/>

Centers for Disease Control and Prevention. (2015). Percent Distributions of TBI-related Hospitalizations by Age Group and Injury Mechanism - United States, 2006-2010. Retrieved from

http://www.cdc.gov/traumaticbraininjury/data/dist_hosp.html

Centers for Disease Control and Prevention. (2015). Rates of TBI-related Emergency Department Visits, Hospitalizations, and Deaths - United States, 2001-2010. Retrieved from

<http://www.cdc.gov/traumaticbraininjury/data/rates.html>

Centers for Disease Control and Prevention. (2015). Stroke Facts. Retrieved from

<http://www.cdc.gov/stroke/facts.html>

Centers for Disease Control and Prevention. (2015). Traumatic Brain Injury in the United States:

Fact Sheet. Retrieved from http://www.cdc.gov/traumaticbraininjury/get_the_facts.html

Chapman, D. P., Williams, S. M., Strine, T. W., Anda, R. F., & Moore, M. J. (2006). Dementia and its implications for public health. *Preventing Chronic Disease: Public Health Research, Practice, and Policy*, 3(2), 1-13.

Chaudhury, S., Biswas, P. S., & Kumar, S. (2013). Psychiatric sequelae of traumatic brain injury.

Medical Journal of Dr. D.Y. Patil University, 6(3), 222-228. doi: 10.4103/0975-2870.114638

Google Analytics. <http://www.google.com/analytics>



- Hayden, M. E., Plenger, P., Bison, K., Kowalske, K., Masel, B., & Qualls, D. (2013). Treatment effect versus pretreatment recovery in persons with acquired brain injury: A study regarding the effectiveness of post-acute rehabilitation. *American Academy of Physical Medicine and Rehabilitation*, 5(4), 319-327. doi:10.1016/j.pmrj.2012.12.005
- Horn, G. J. & Lewis, F. D. (2014). Functional impact of anxiety on traumatic brain injury outcomes. Presented at the 91st American Congress of Rehabilitation Medicine, October 2014, Toronto, Canada. *Archives of Physical Medicine & Rehabilitation*, 95(10), e6. doi:10.1016/j.apmr.2014.07.375
- Horn, G. J. & Lewis, F. D. (2014). A model of care for neurological rehabilitation. *American Association of Nurse Life Care Planners Journal of Nurse Life Care Planning*, 14(3), 681-692.
- Lewis, F. D. & Horn, G. J. (2013). Functional impact of depression on traumatic brain injury outcomes. Presented at the Special Operations Medicine Conference, Tampa, FL.
- Lewis, F. D. & Horn, G. J. (2013). Traumatic brain injury: Analysis of functional deficits and post hospital rehabilitation outcomes. *Journal of Special Operations Medicine*, 13(3), 56-61.
- Lewis, F.D., Horn, G.J., & Malec, J. (in press). Rasch analysis using a residential rehabilitation sample. *Journal of Head Trauma and Rehabilitation*.
- Lumosity (2015). <http://www.lumosity.com>
- Malec, J. F. & Lezak, M. D. (2008). Manual for the Mayo-Portland Adaptability Inventory (MPAI-4) for Adults, Children and Adolescents. 1-84.
- Masel, B. E. & DeWitt, D. S. (2010). Traumatic brain injury: A disease process, not an event. *Journal of Neurotrauma*, 27(8), 1529-1540. doi:10.1089/neu.2010.1358



Miller, L. S., Colella, B., Mikulis, D., Maller, J., & Green, R. E. (2013). Environmental enrichment may protect against hippocampal atrophy in the chronic stages of traumatic brain injury. *Frontiers in Human Neuroscience*, 7 (article 506), 1-8.

NeuroRestorative. (2015). Database.